

## SIMATIC PCS 7, SIMATIC BATCH (ST-PCS7BAT)

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### Short Description

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Consistent product quality for all batches, quick response to changing market conditions, requests for traceability of production (FDA compliance), meeting legal standards and testing specifications, efficient use of the production plant – these are today's challenging requirements for the automation of batch processes. Any process control systems operating in this environment have to be extremely flexible. SIMATIC PCS 7 offers the complete solution: The SIMATIC BATCH software package enables you to flexibly automate complex batch processes. Its modular architecture combined with optimum scalability in the area of hardware and software, guarantee an optimum match for the respective plant size and individual production requirements. In this training, participants will get knowledge about batch basics and the SIMATIC Batch interfaces to the automation systems and their administration.

[Also available as classroom training](#)

### Objectives

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Upon completion of this course, the student shall be able to:

- Define the terms and procedural model according to the ISA S88.01
- Define hardware and software requirements to implement SIMATIC Batch
- Configure and use Simatic Logon
- Configure phase logic in SFCType and CFC
- Perform batch planning and configuration
- Use the Batch Control Center
- Create a recipe
- Define and configure batch materials
- Generate standard reports and messages
- Run and manage a batch

### Target Group

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Project managers, project staff  
Technologists  
Configuring engineers, Commissioning engineers

### Content

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Batch terminology, S88 terms, SIMATIC Batch relationship with respect to AS and OS  
Windows and BATCH Application Security  
Basic procedure for developing, planning and configuring a SIMATIC BATCH project  
Procedural model, operate the Batch Control Center (BCC)  
Creating materials, assign codes and modify their properties  
Recipe editor and master recipe  
Production orders, batches chaining control of batch processing  
Operate the BATCH Control  
Operate the reports and archiving system

### Prerequisites

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Prior attendance on the Siemens PCS7 System Course (ST-PCS7SYS).

### Note

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Trainer: English  
Course documentation: English

### Type

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Online-Training

### Duration

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5 days

### Language

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en